### **Table S2** Information of plastomes used as reference in this study.

| Organism Name | Subfamily | Tribe | Accession No |
| --- | --- | --- | --- |
| *Dendrobium primulinum* | Epidendroideae | Malaxideae | LC192810.1 |
| *Dendrobium aphyllum* | LC192953.1 |
| *Dendrobium brymerianum* | LC192954.1 |
| *Dendrobium denneanum* | LC192955.1 |
| *Dendrobium devonianum* | LC192956.1 |
| *Dendrobium falconeri* | LC192957.1 |
| *Dendrobium gratiosissimum* | LC192958.1 |
| *Dendrobium hercoglossum* | LC192959.1 |
| *Dendrobium wardianum* | LC192961.1 |
| *Dendrobium wilsonii* | LC193508.1 |
| *Dendrobium crepidatum* | LC193509.1 |
| *Phalaenopsis aphrodite subsp. formosana* | Vandeae | NC007499.1 |
| *Phalaenopsis equestris* | NC017609.1 |
| *Phalaenopsis* hybrid cultivar *Tiny Star* | NC025593.1 |
| *Bletilla striata* | Arethuseae | NC028422.1 |
| *Bletilla ochracea* | NC029483.1 |
| *Calanthe davidii* | Collabieae | MG925365.1 |
| *Calanthe triplicata* | KF753635.1 |